

FIG. 1

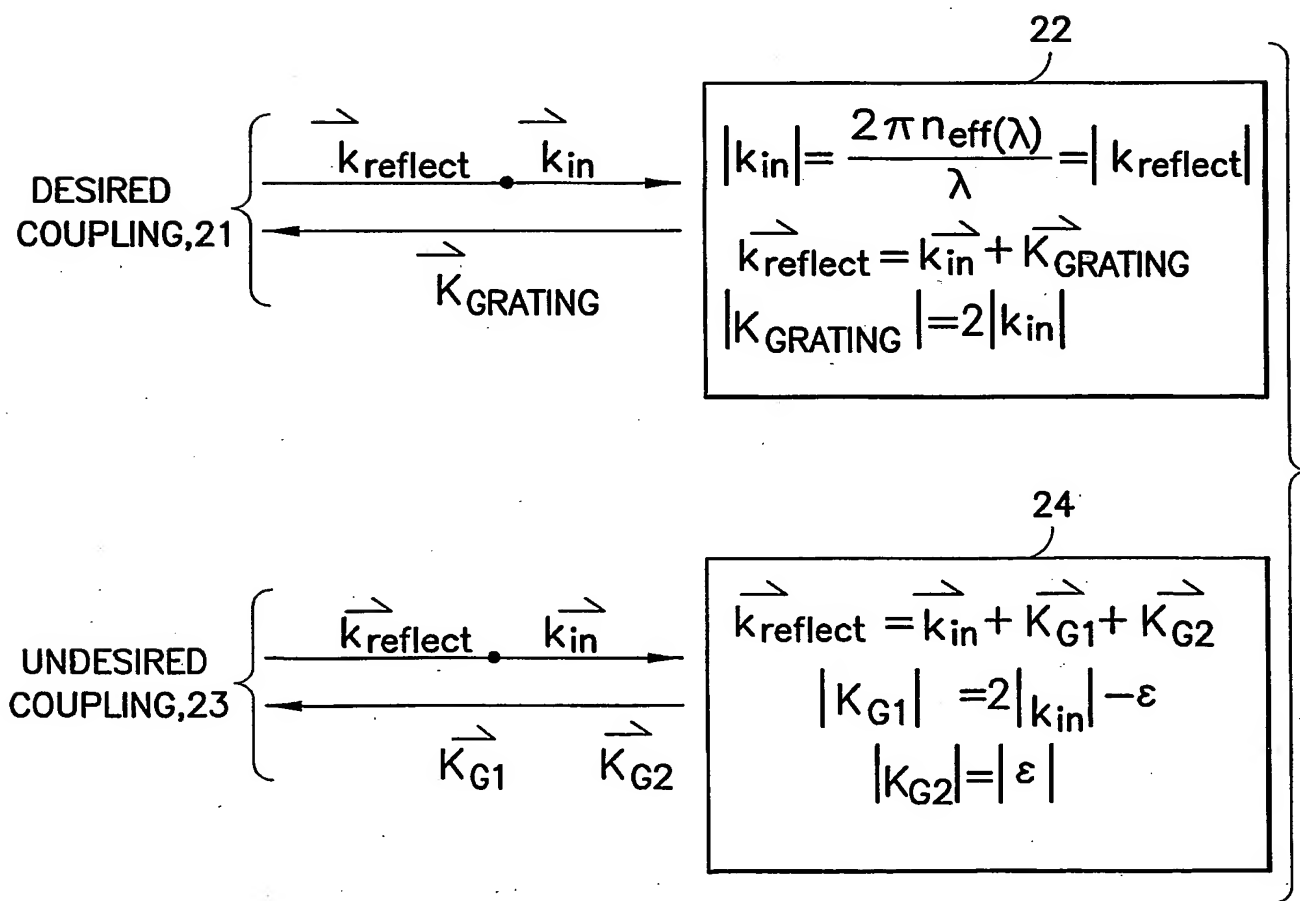


FIG. 2

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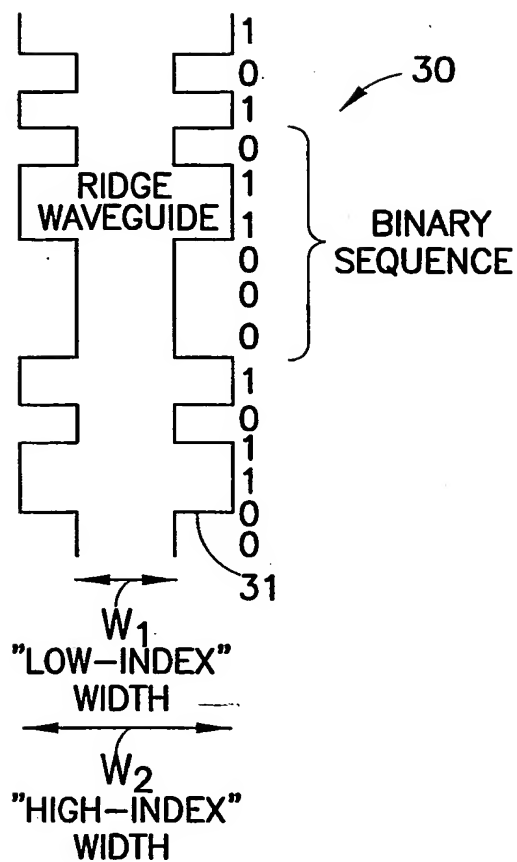


FIG.3

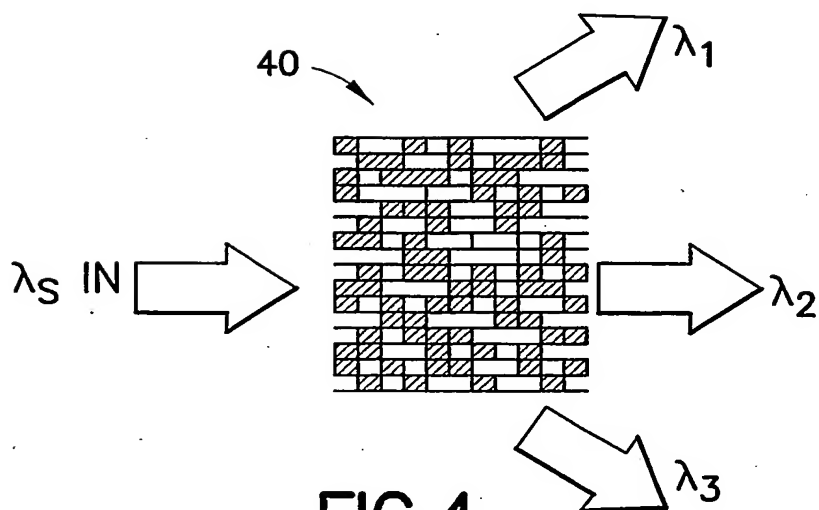


FIG.4

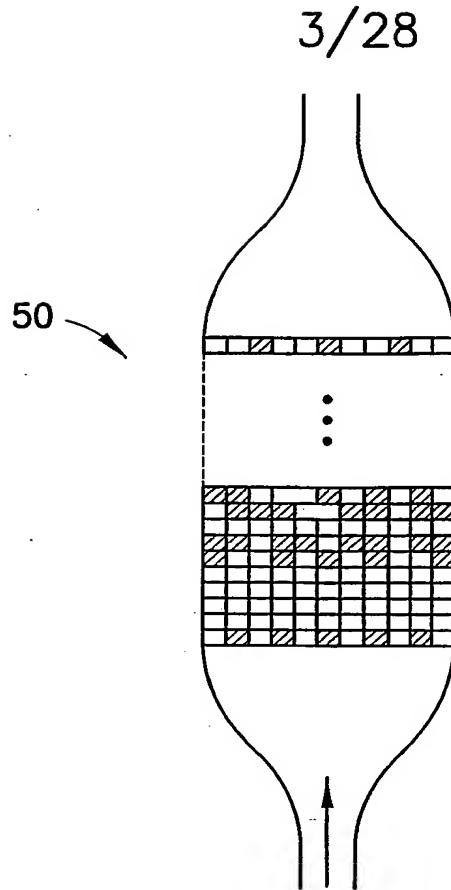


FIG. 5

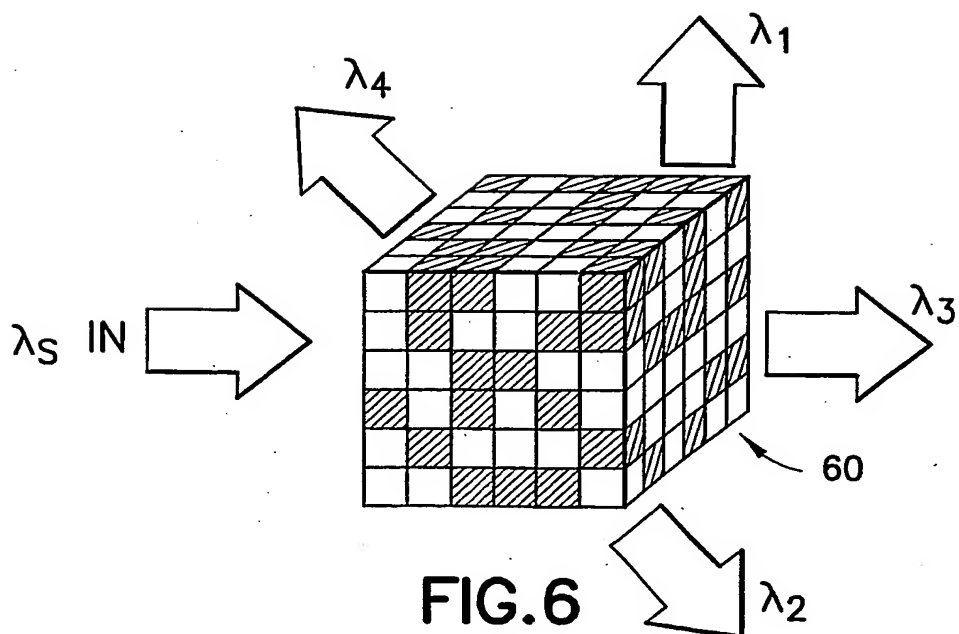


FIG. 6

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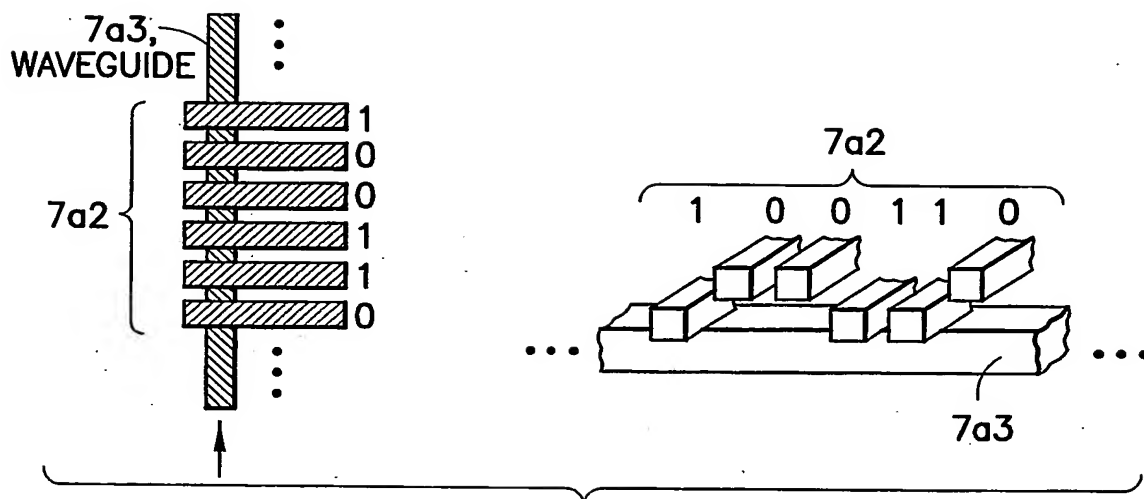


FIG. 7a

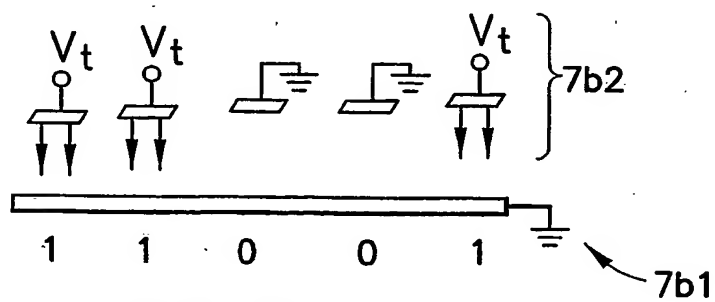


FIG. 7b

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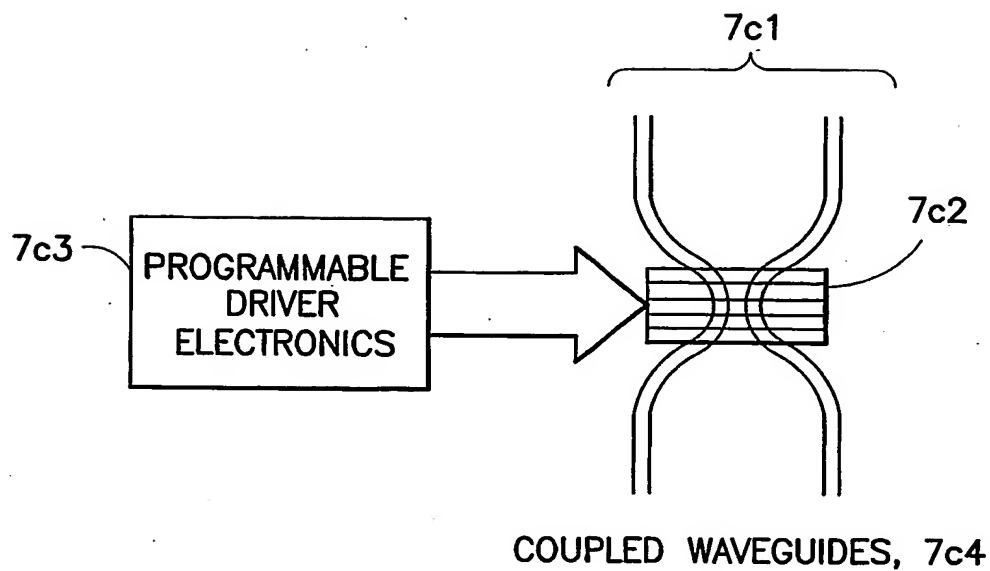
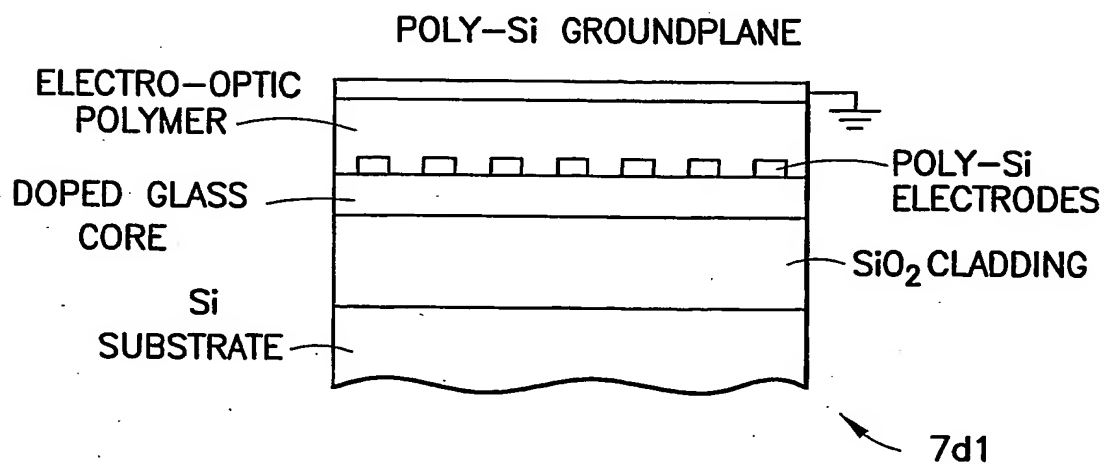


FIG.7c



PROGRAMMABLE SUPERGRADING EMPLOYING  
ELECTRO-OPTIC POLYMER

FIG.7d

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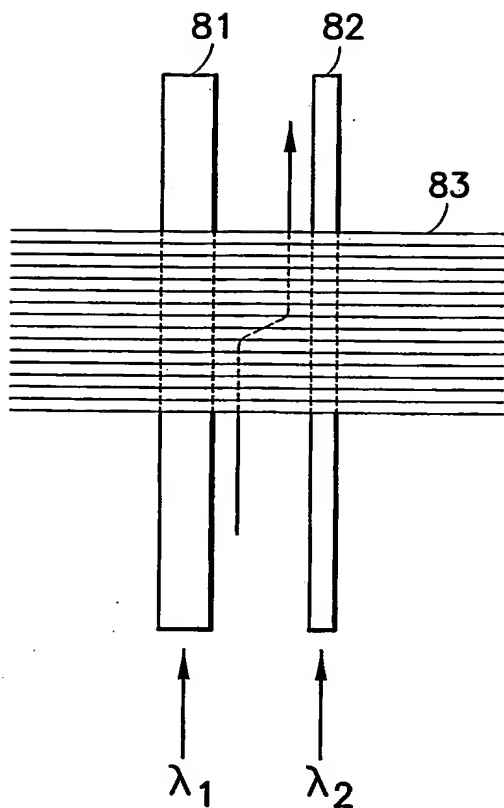


FIG. 8

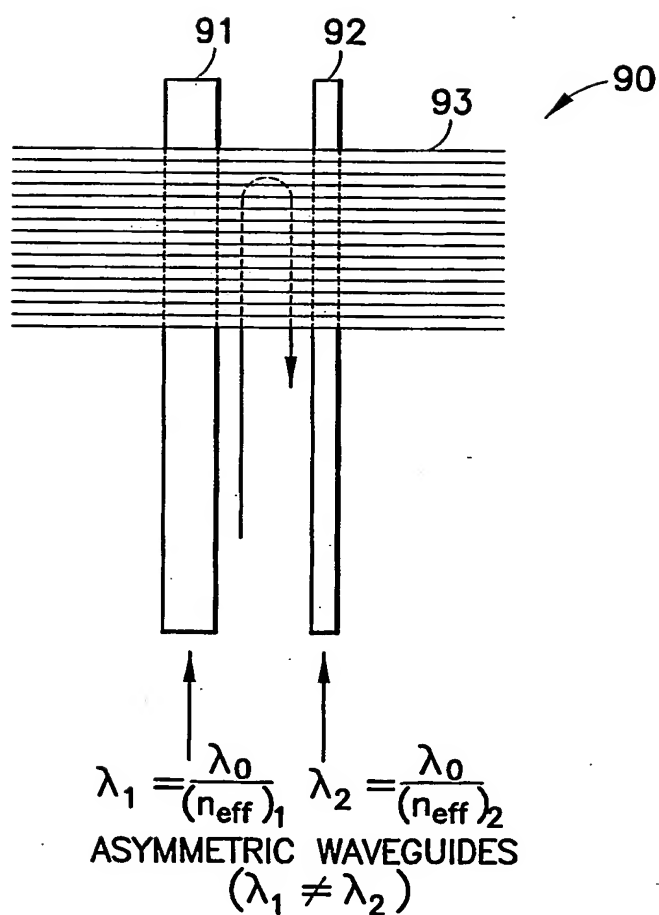


FIG. 9

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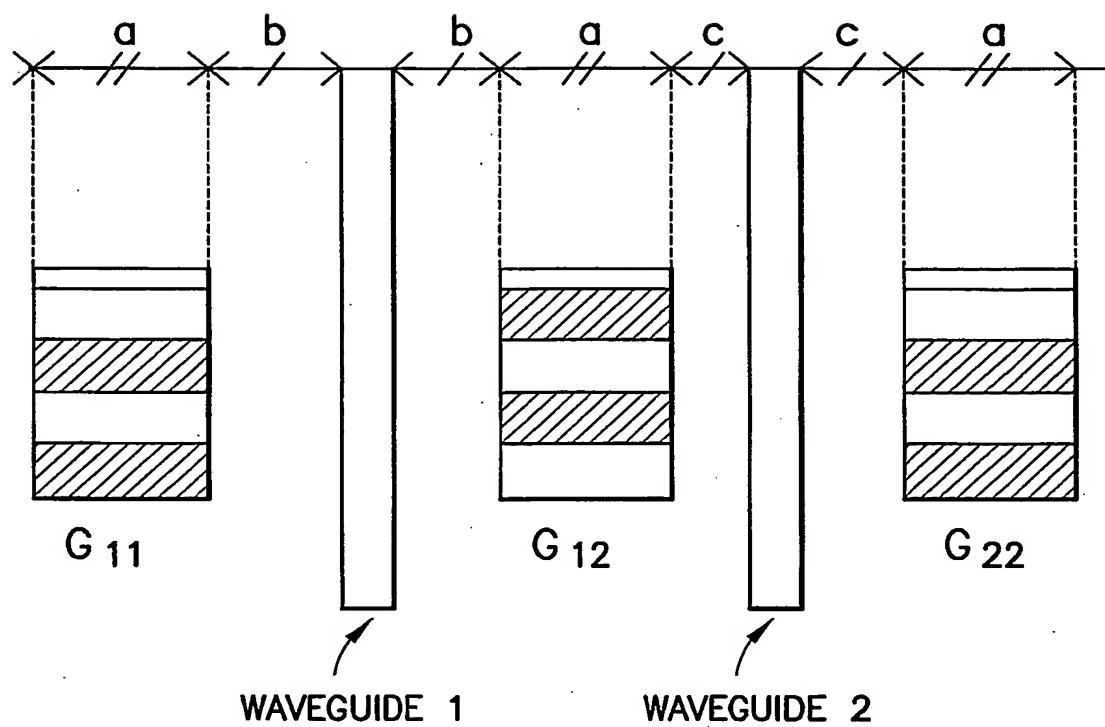


FIG. 10

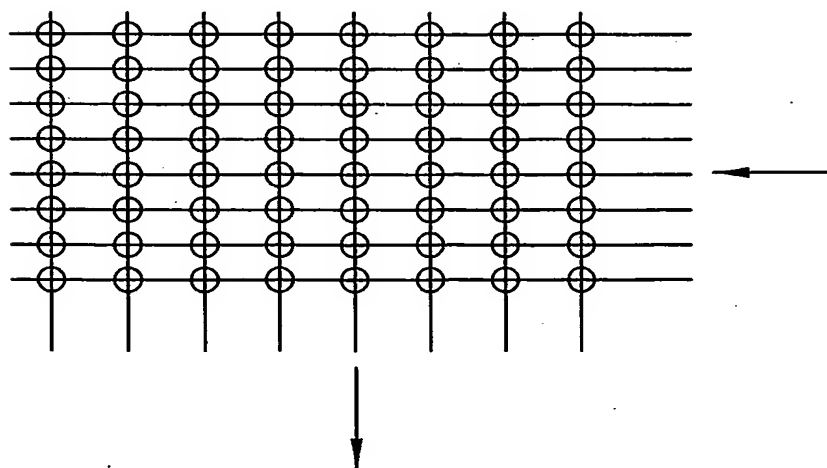


FIG. 11

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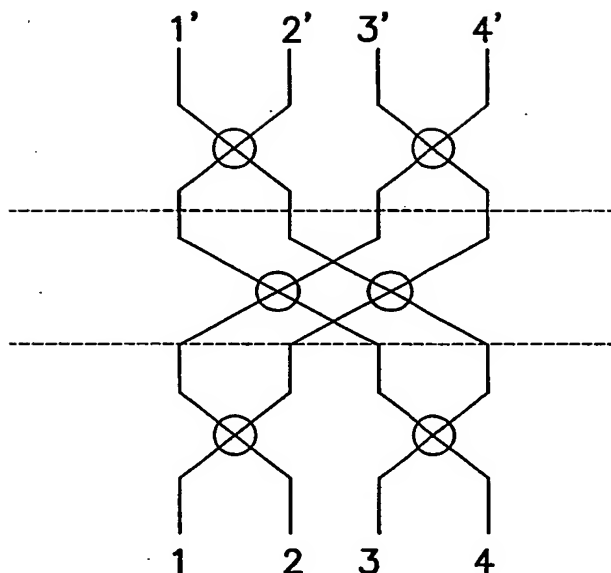


FIG. 12

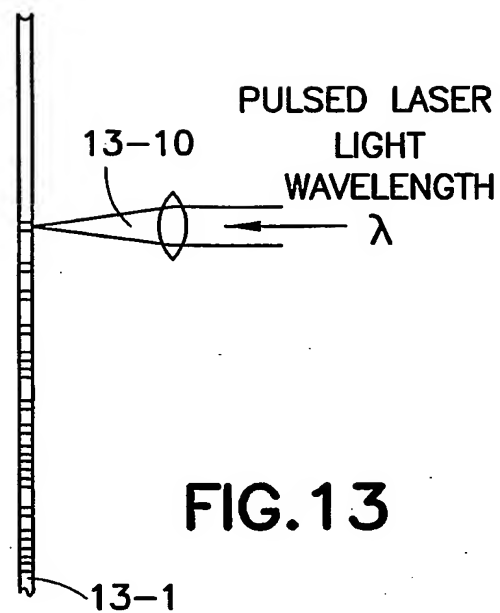


FIG. 13

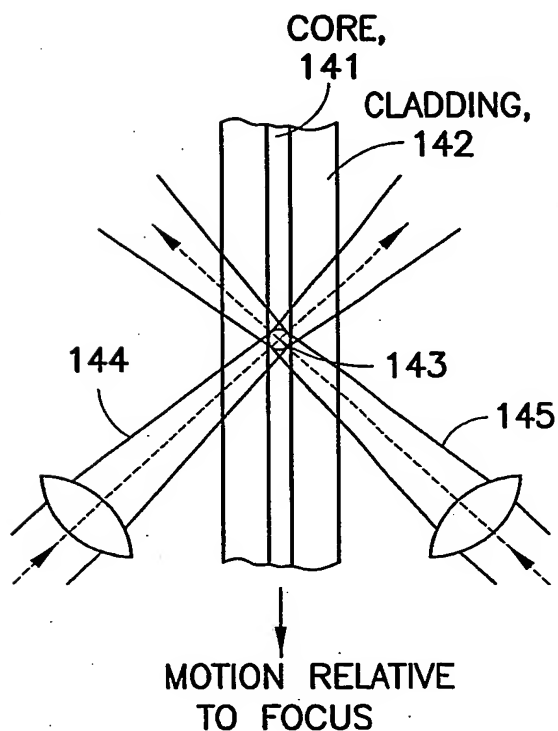
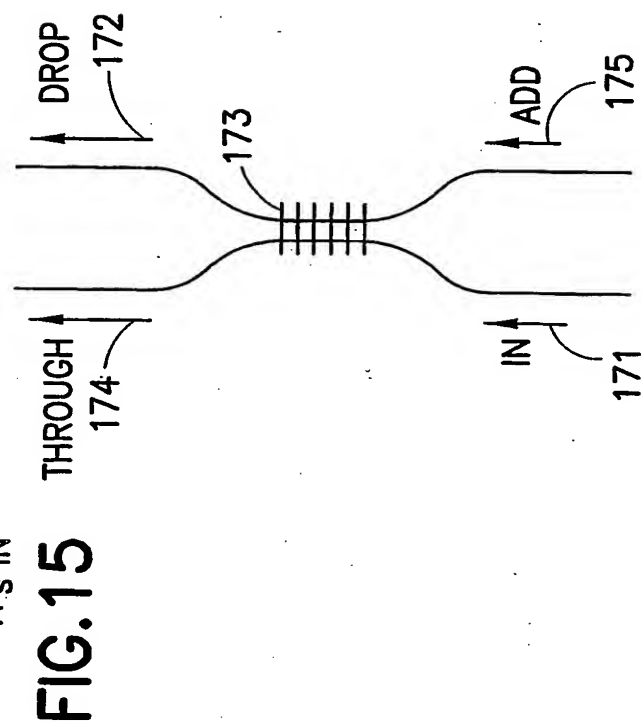
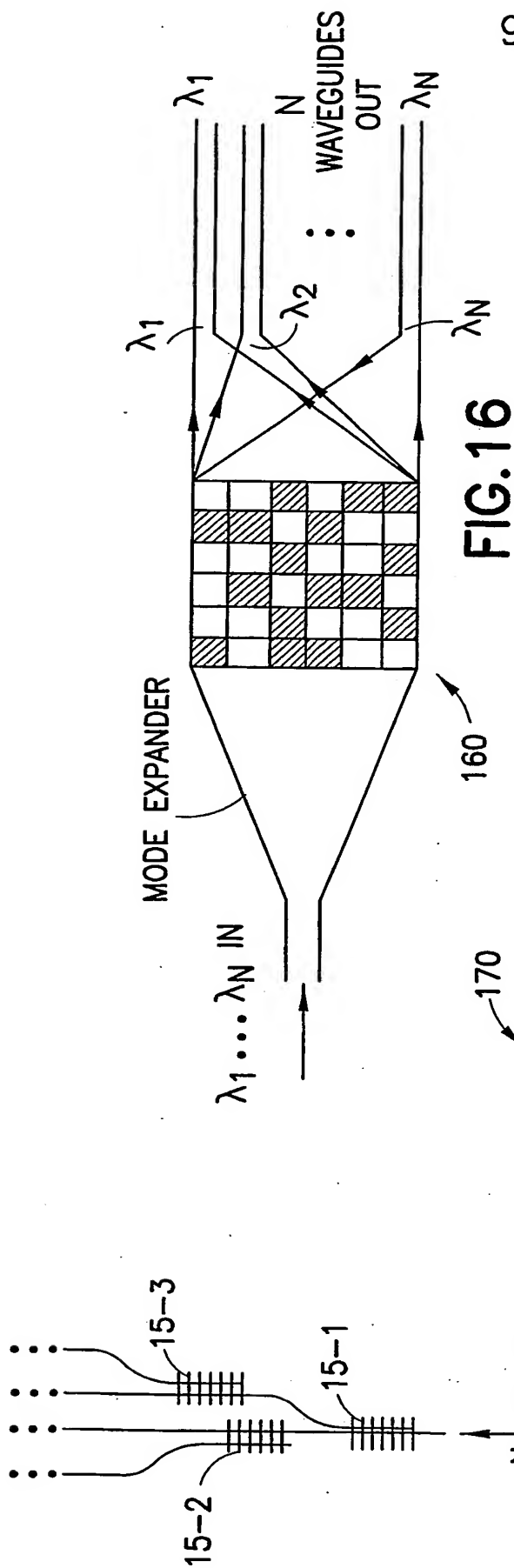


FIG. 14



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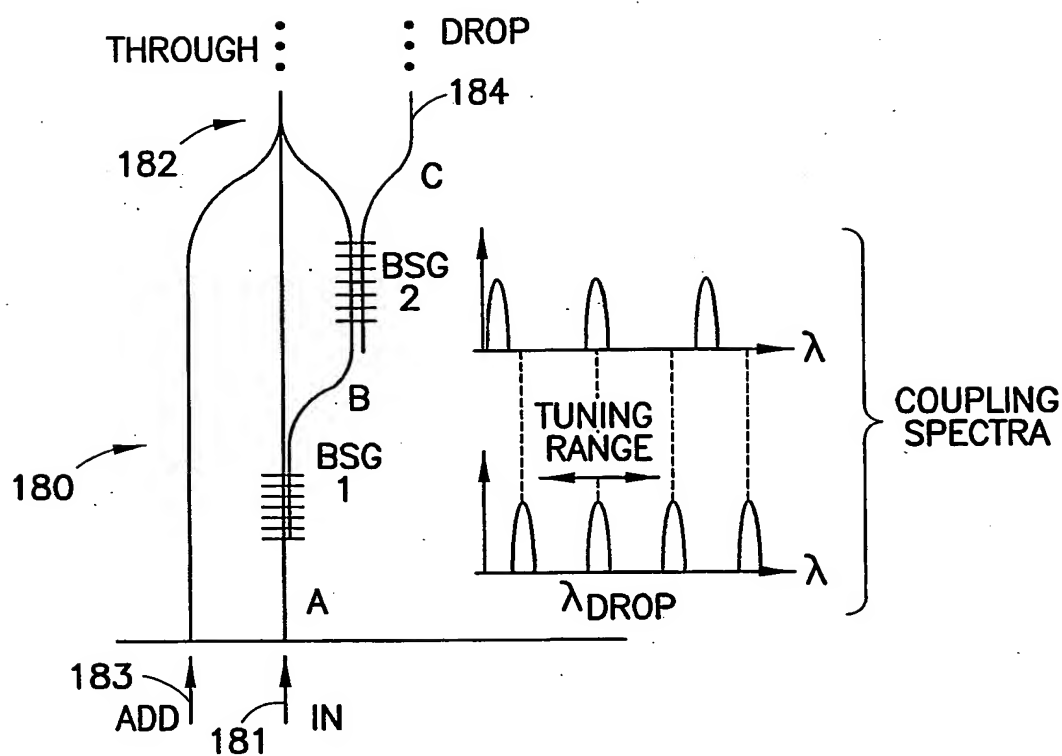


FIG.18

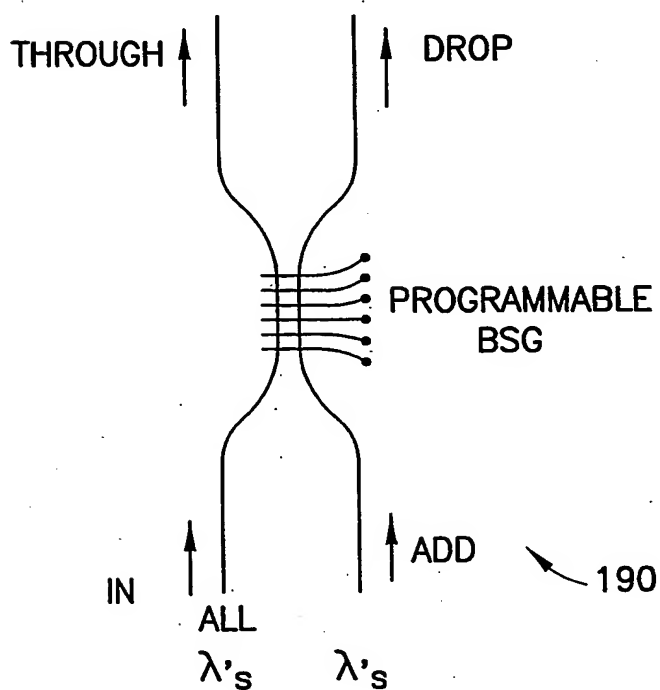


FIG.19

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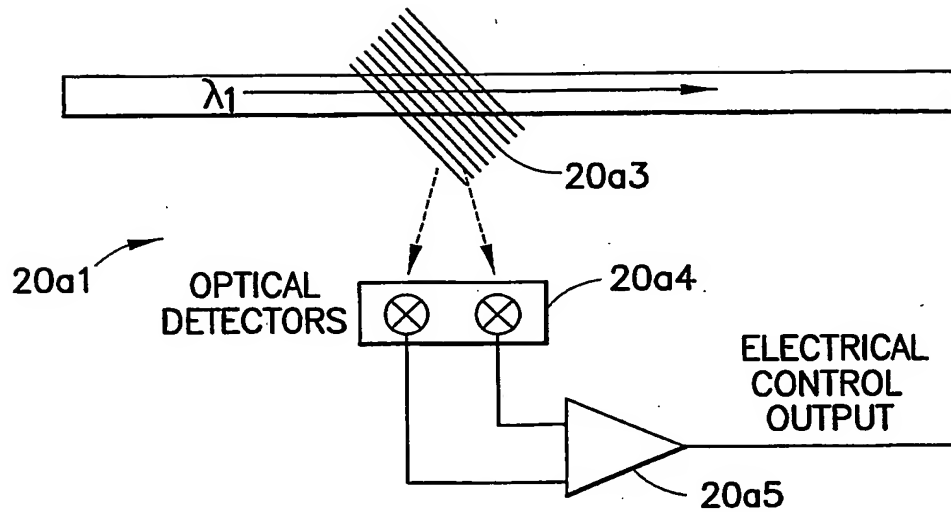


FIG. 20a

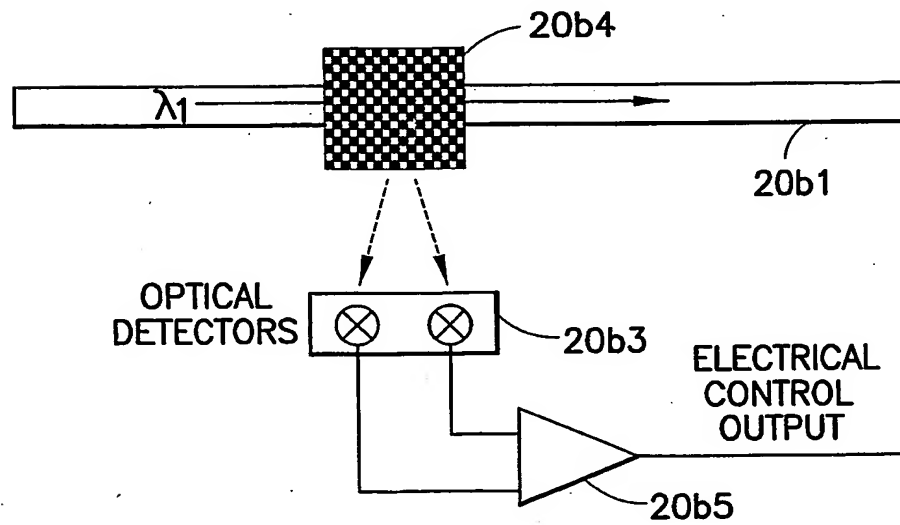


FIG. 20b

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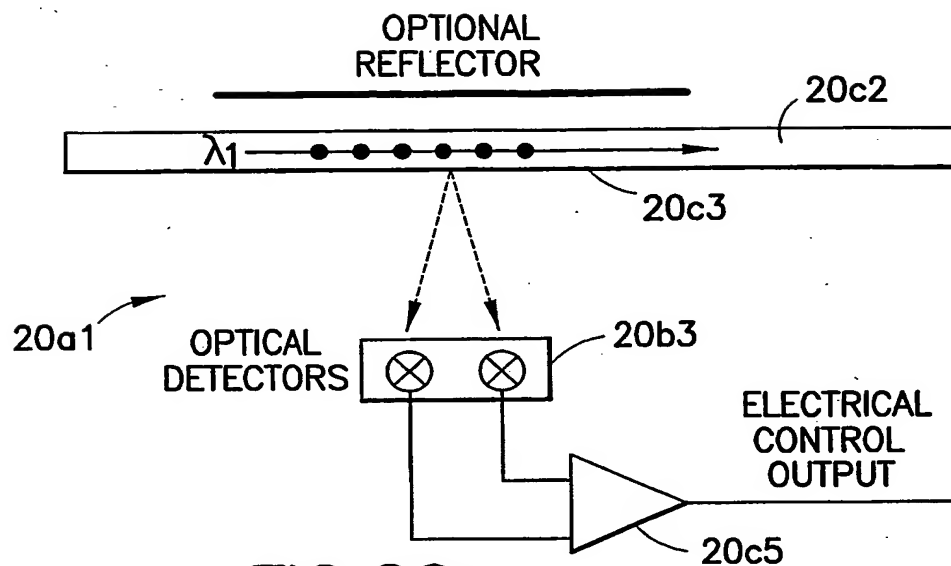


FIG. 20c

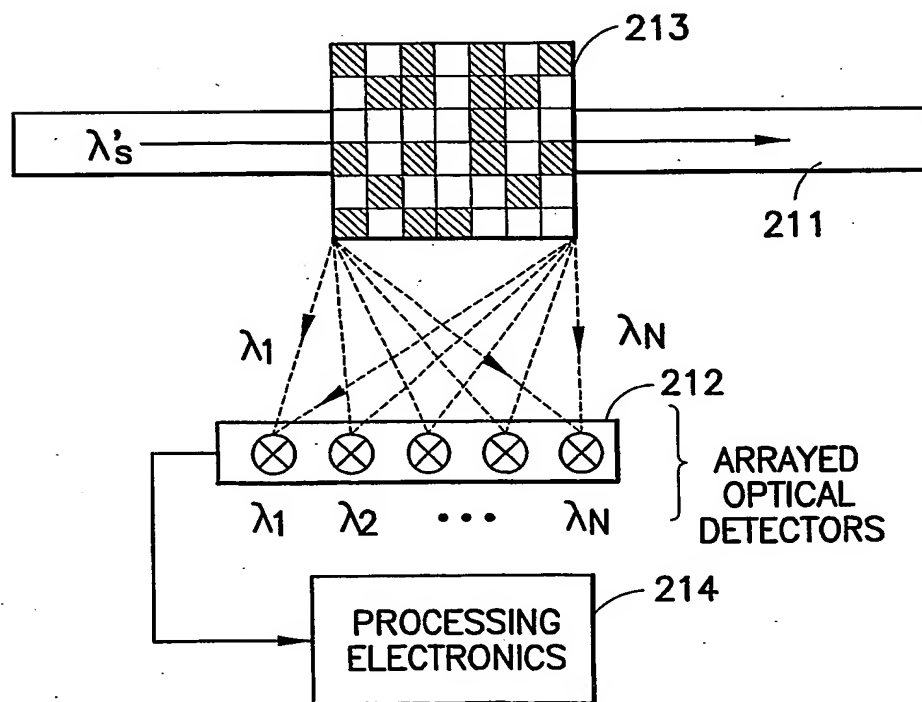


FIG. 21

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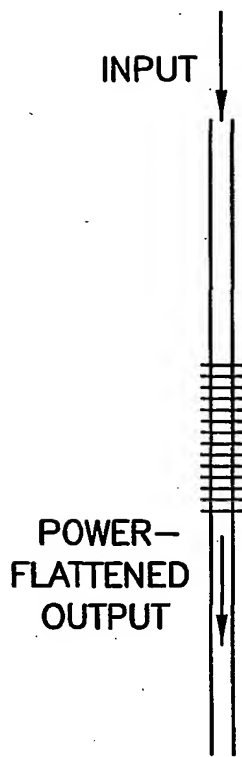


FIG.22a

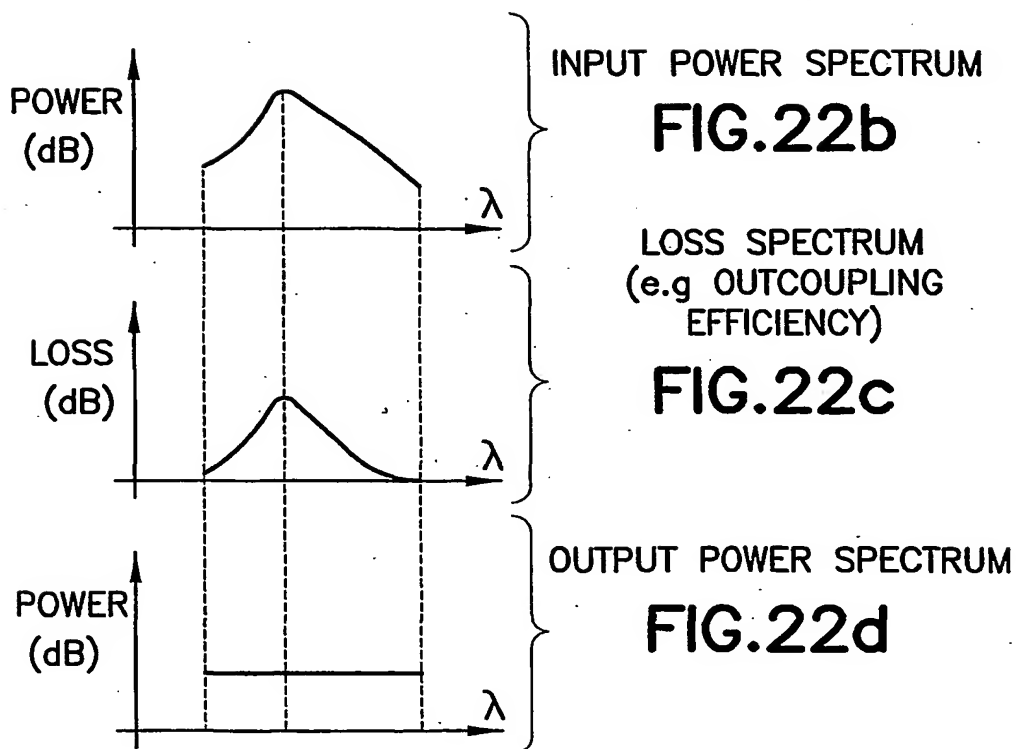
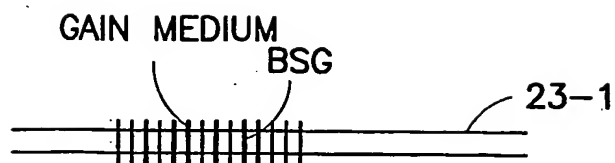
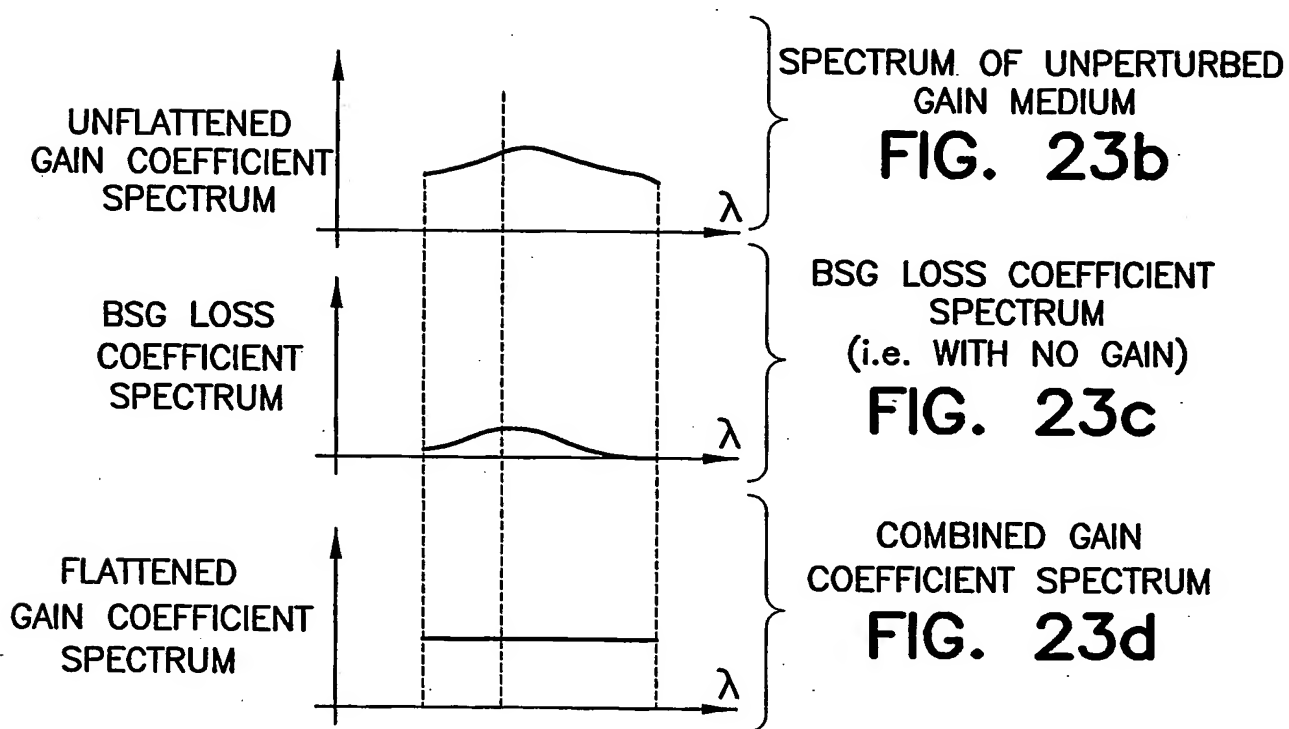


FIG.22b

FIG.22c

FIG.22d

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**FIG. 23a**

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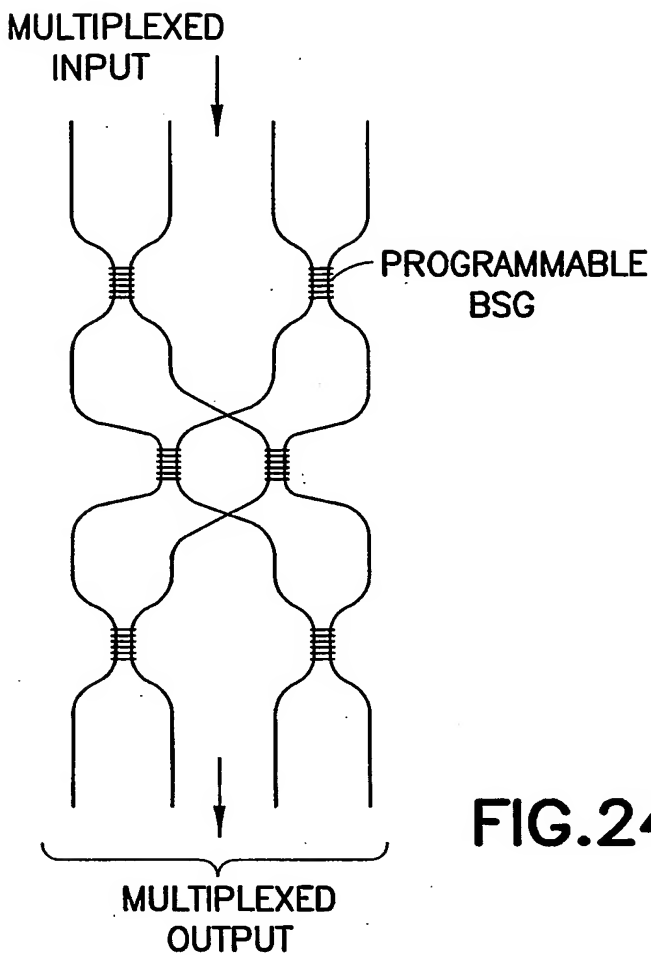


FIG.24a

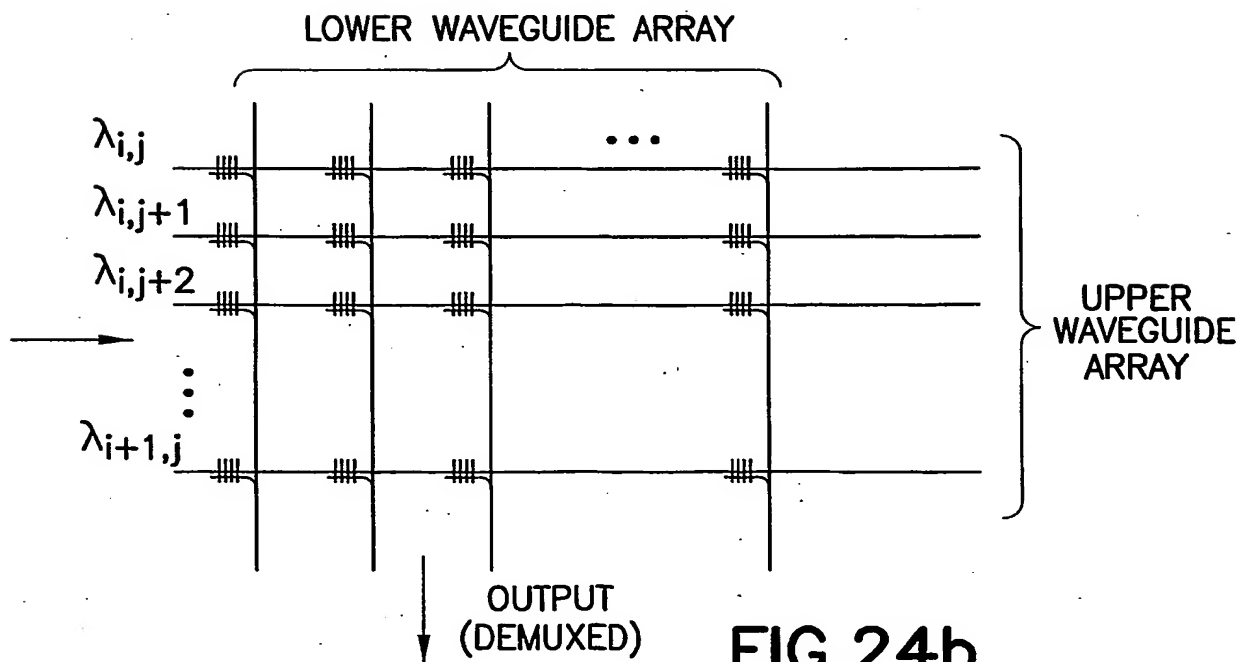


FIG.24b

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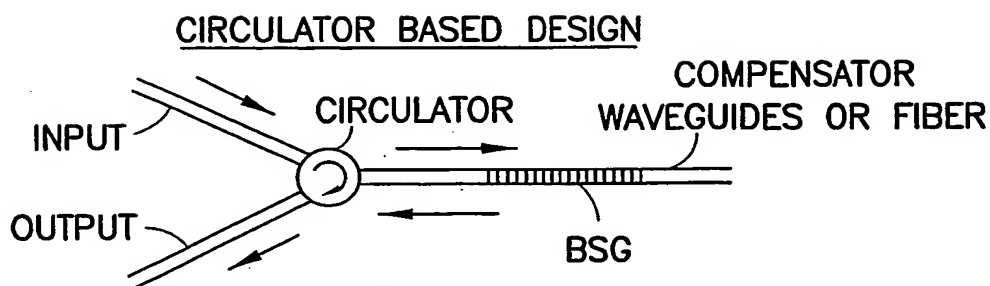


FIG.25a

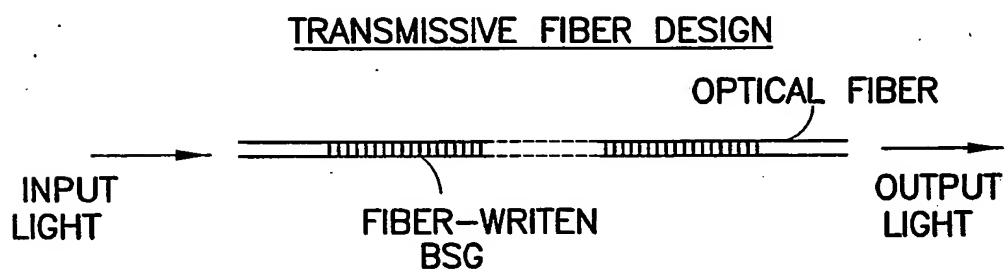


FIG.25b

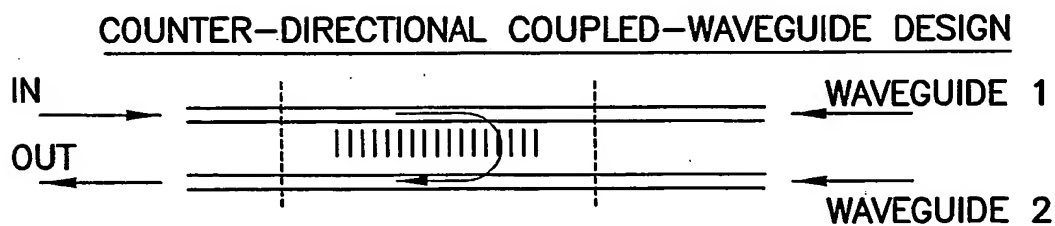


FIG.25c

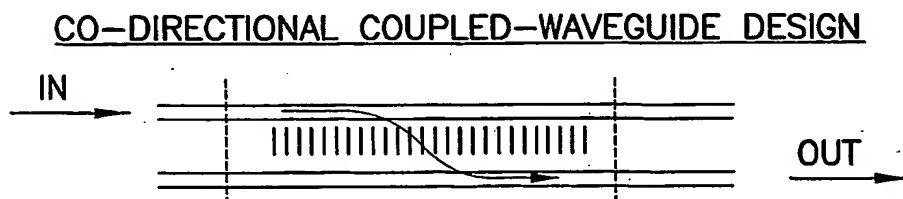


FIG.25d



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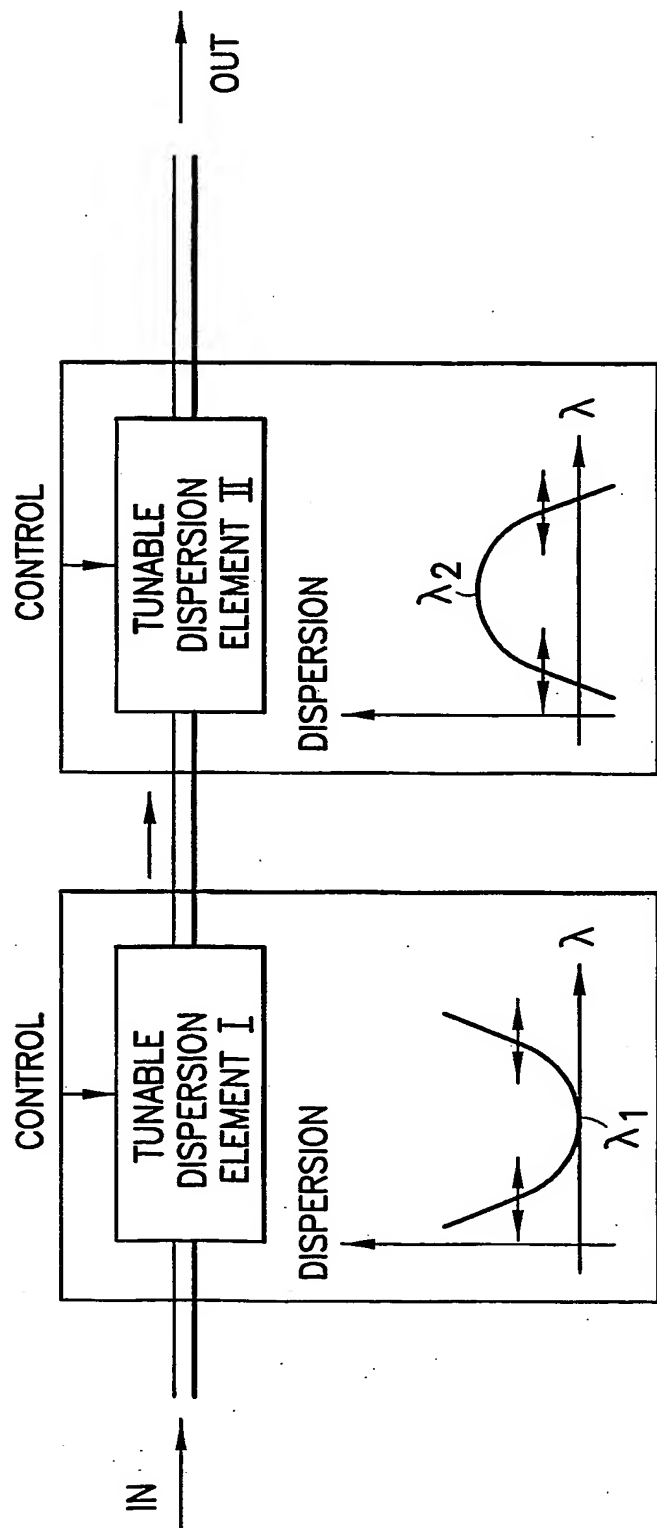


FIG.26a

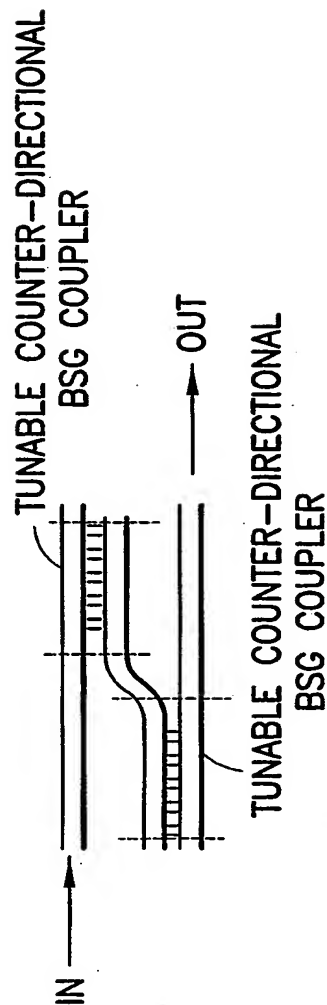


FIG.26b

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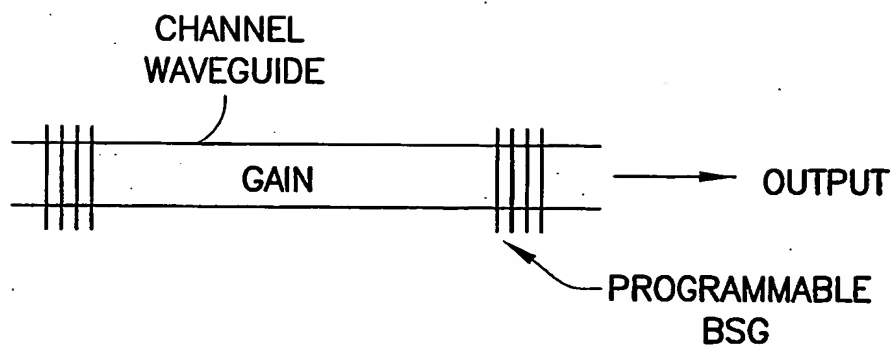


FIG.27a

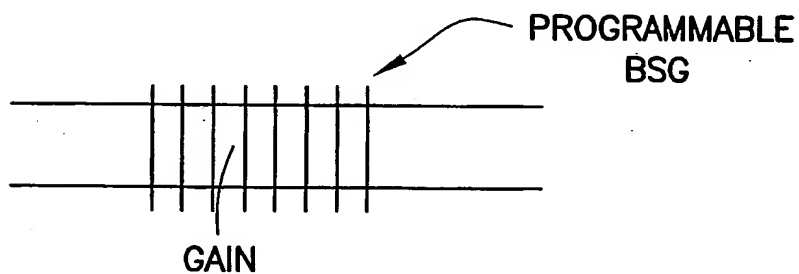


FIG.27b

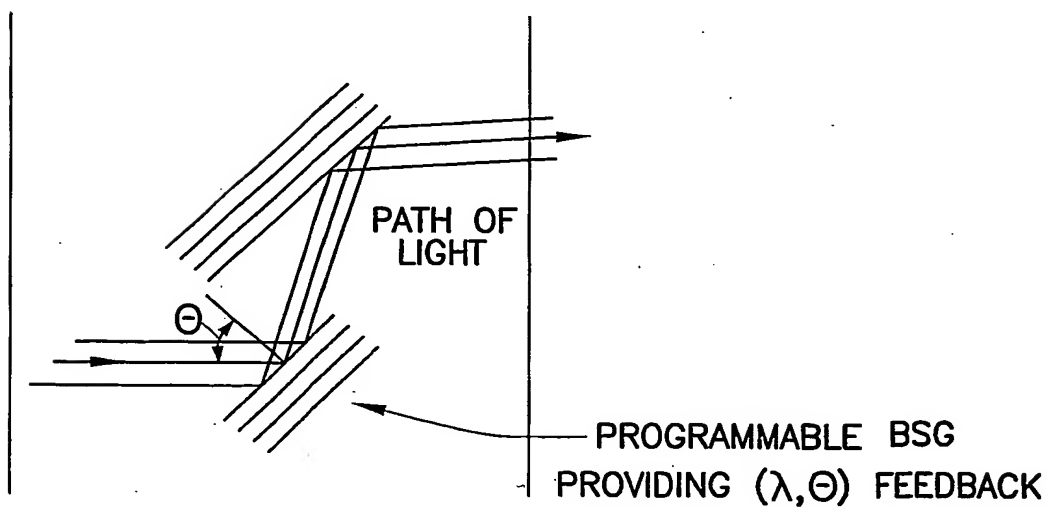


FIG.27c

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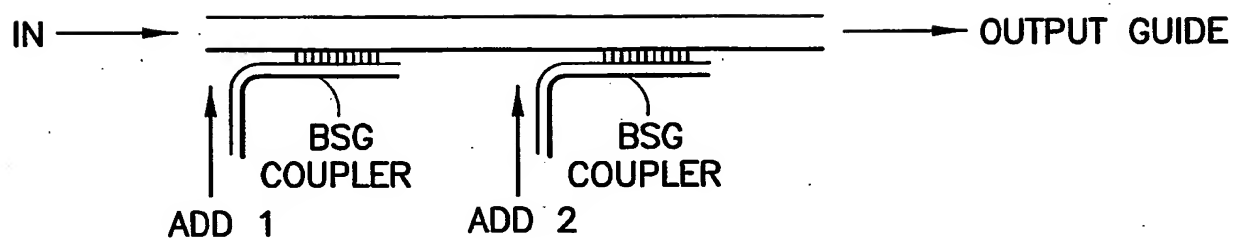


FIG.28a

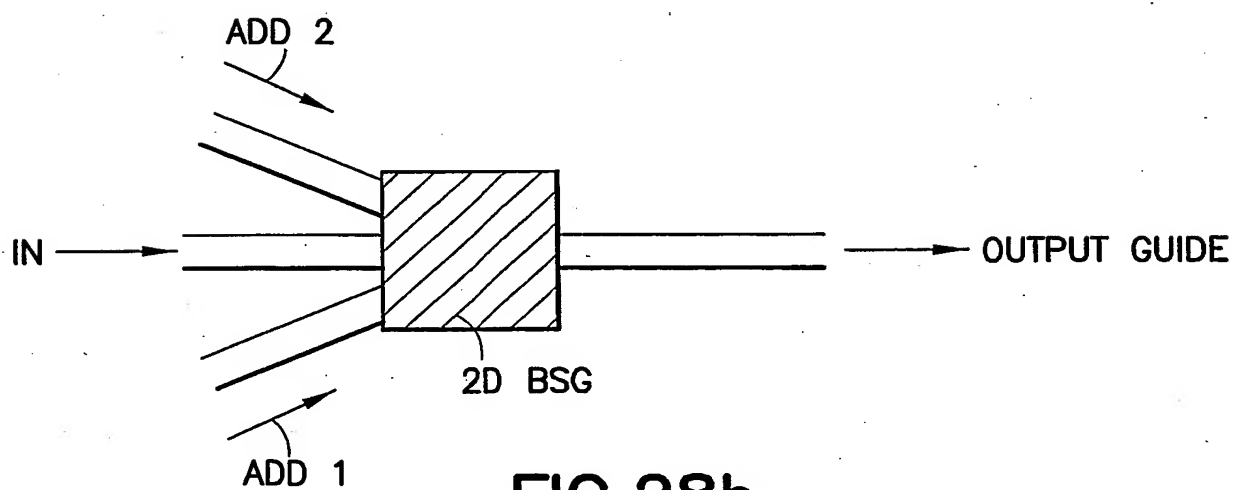


FIG.28b

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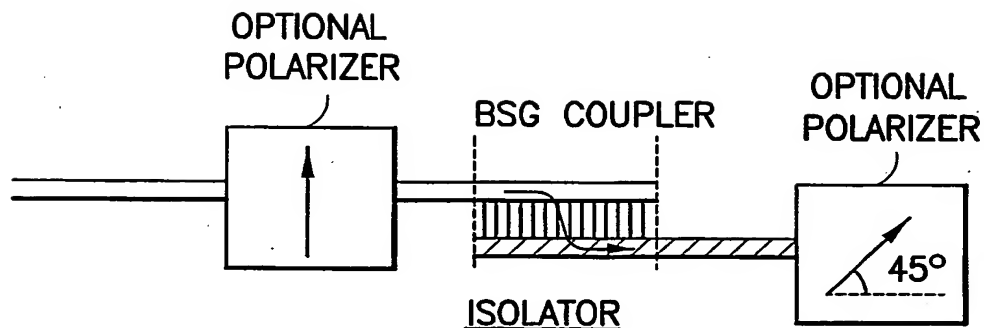


FIG. 29a

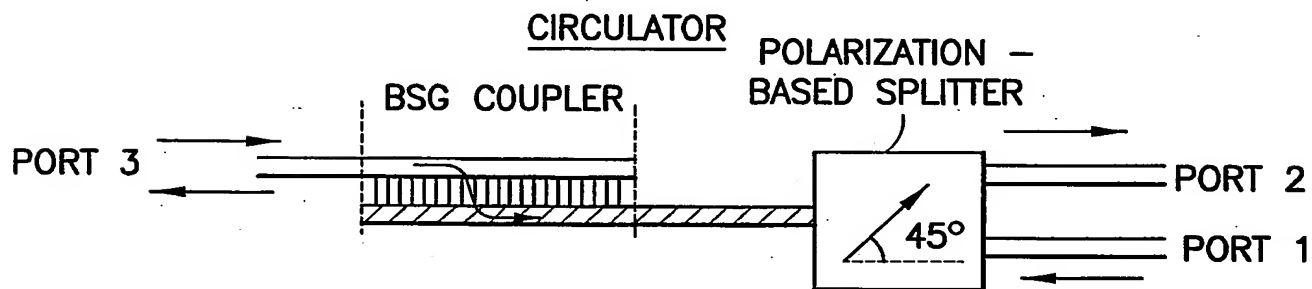


FIG. 29b

BSG ENHANCED FARADAY ROTATOR, COUNTER-DIRECTIONAL

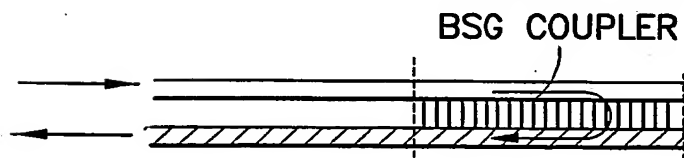


FIG. 29c

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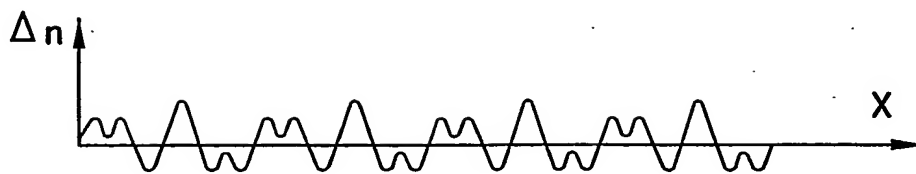


FIG.30

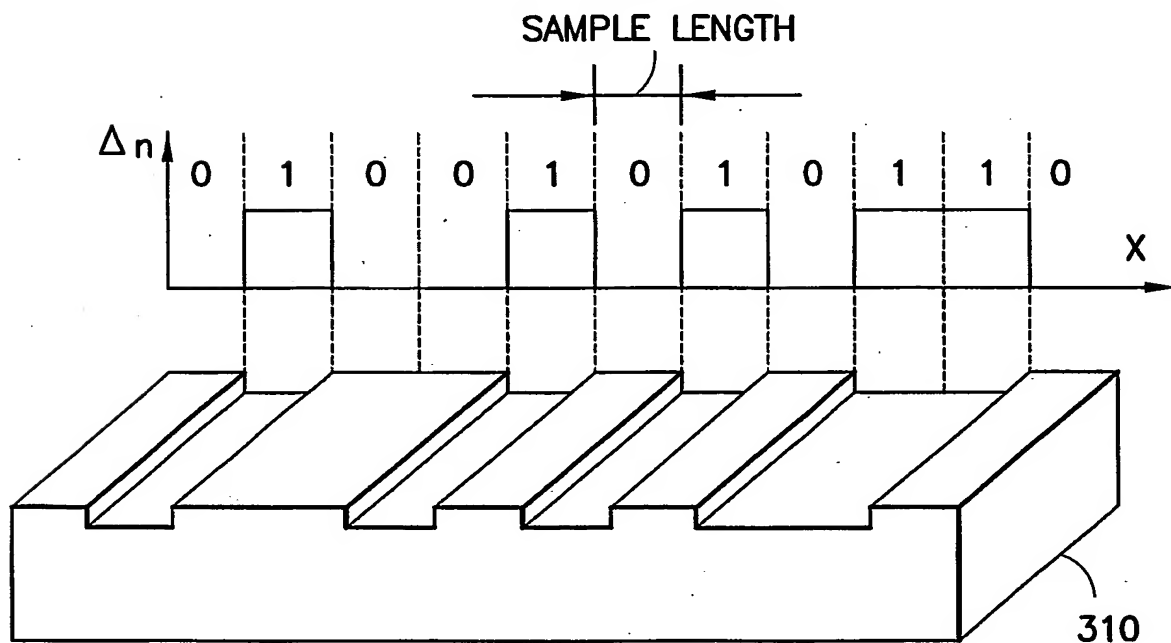


FIG.31

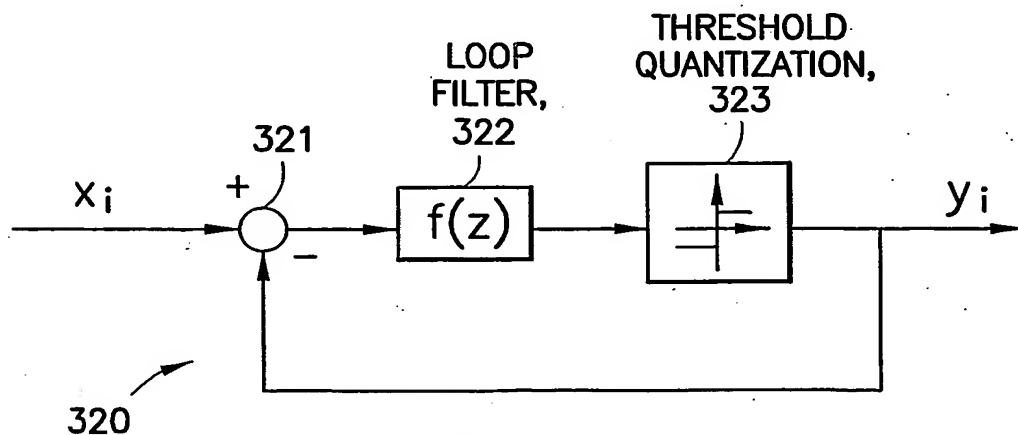


FIG.32

PRIOR ART

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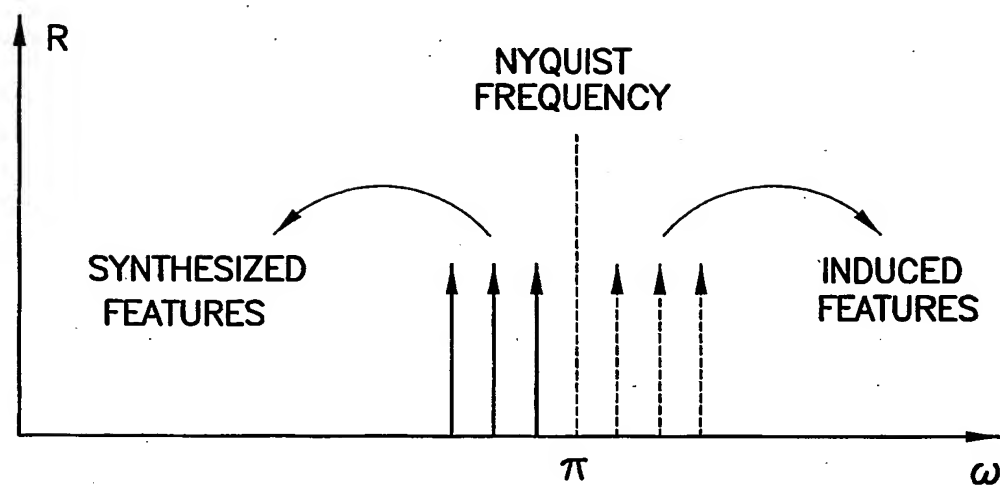


FIG. 33

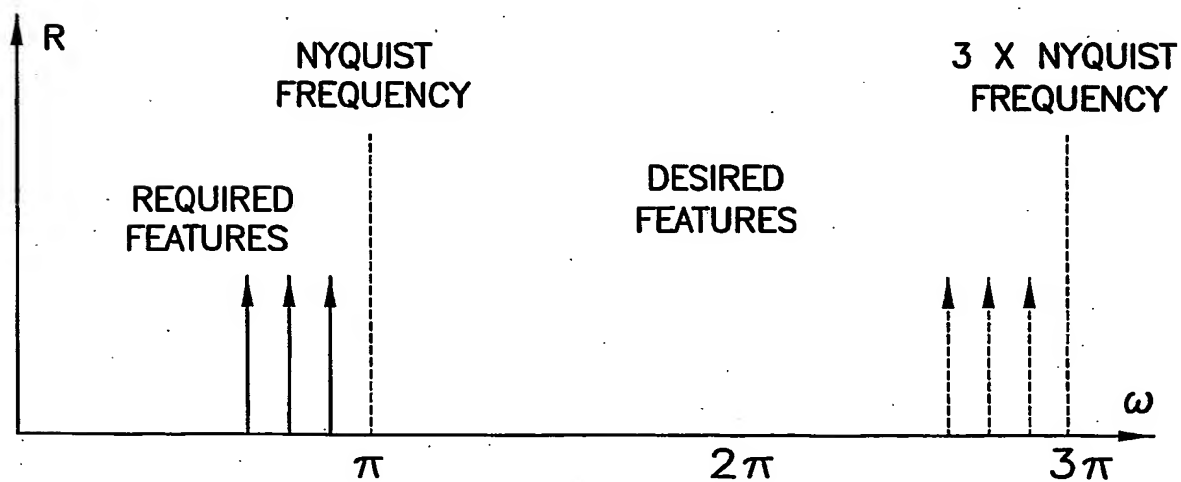


FIG. 34

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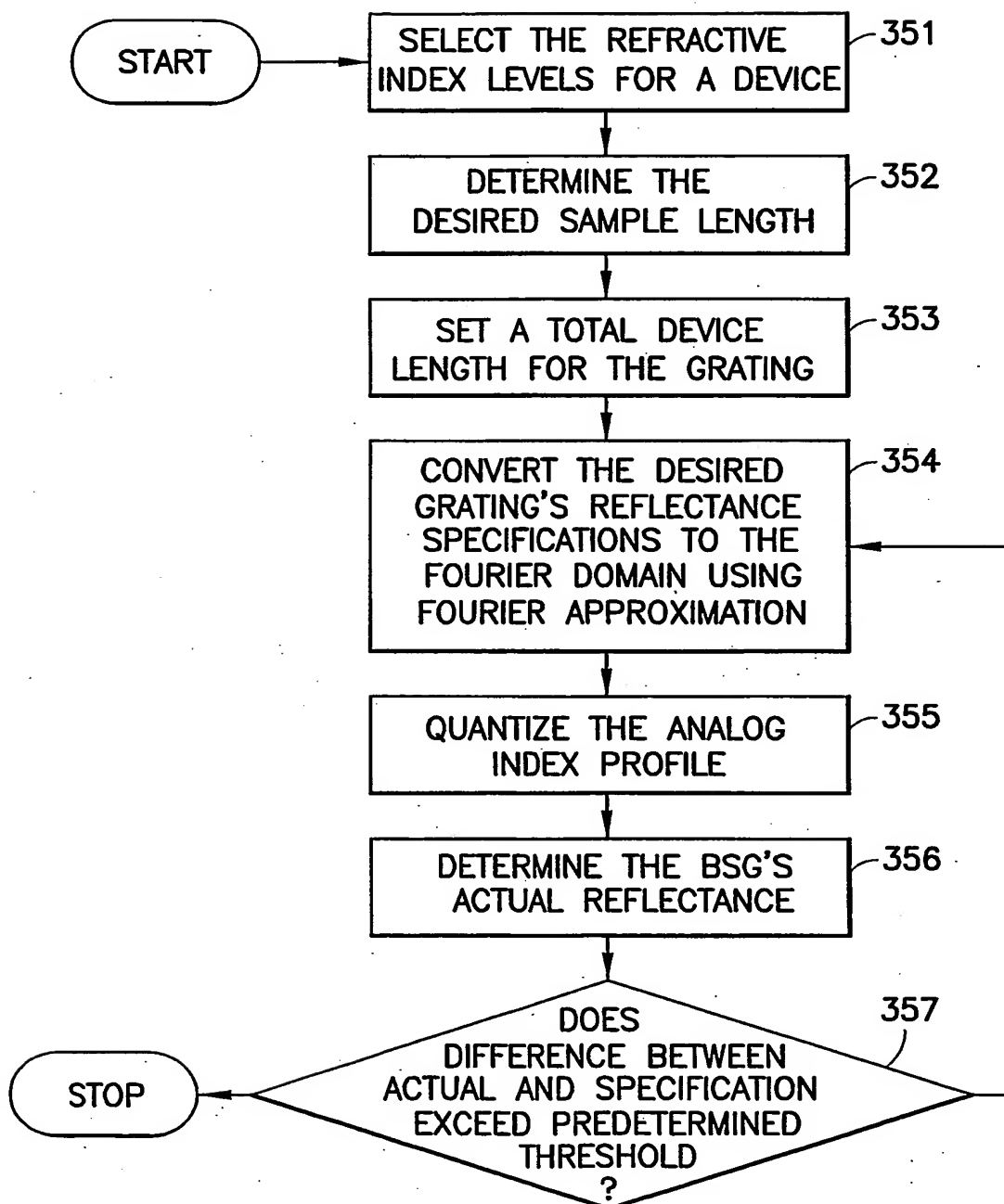


FIG.35

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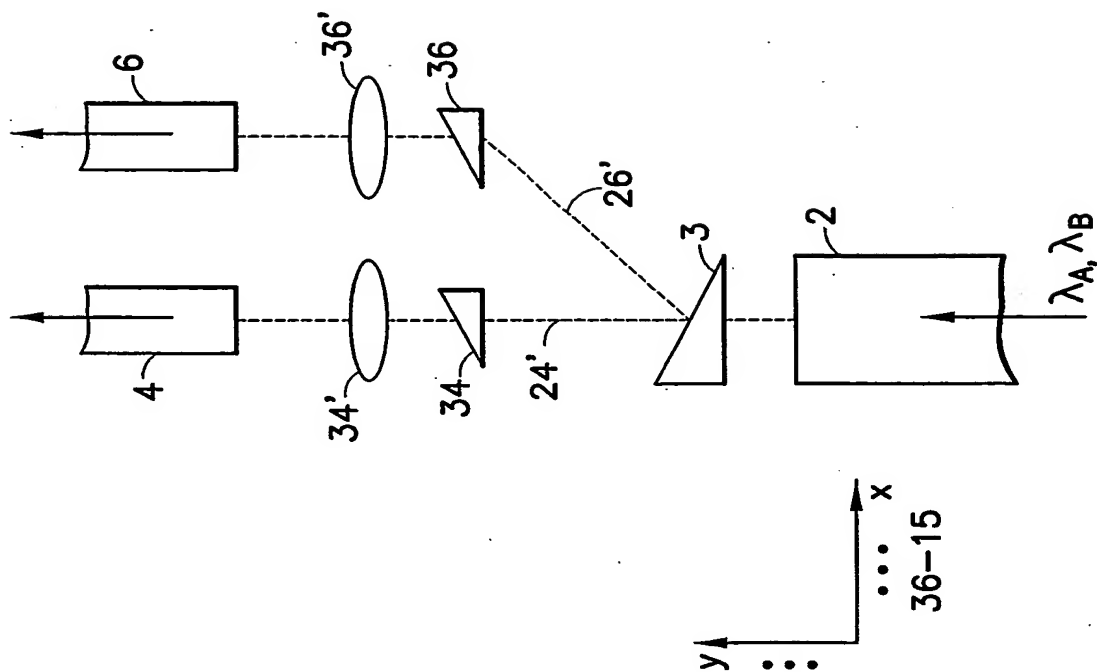


FIG. 36b

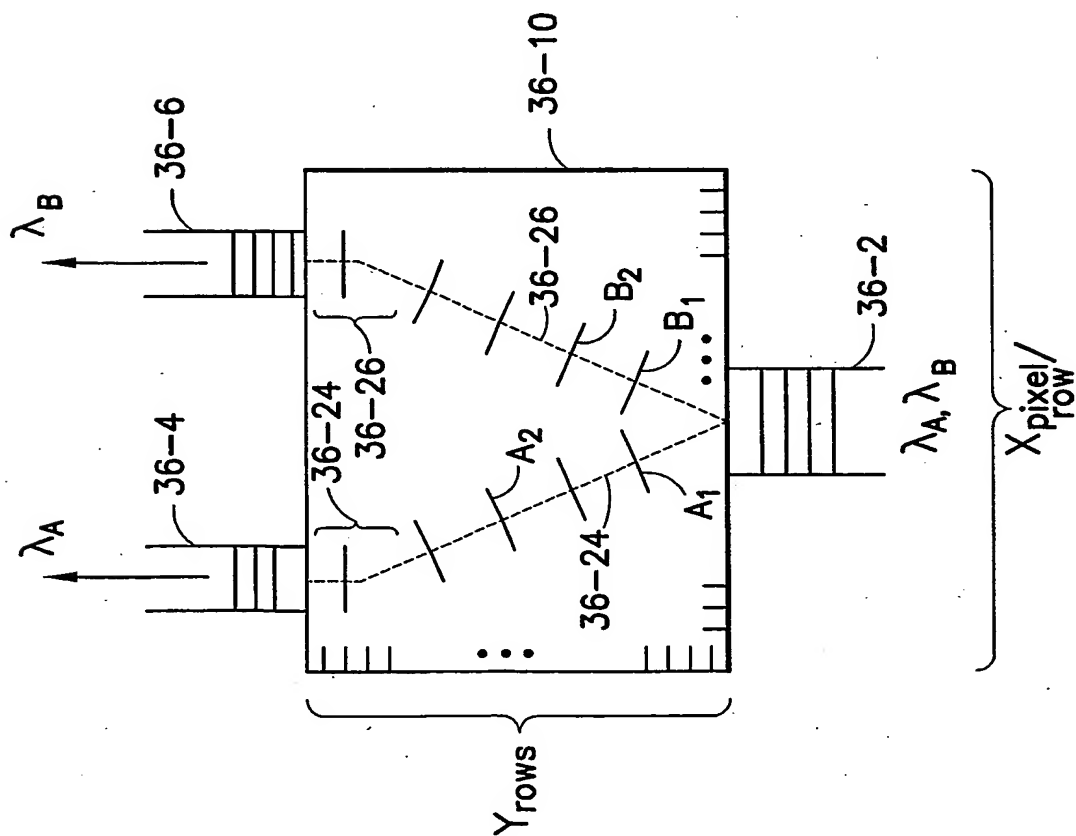
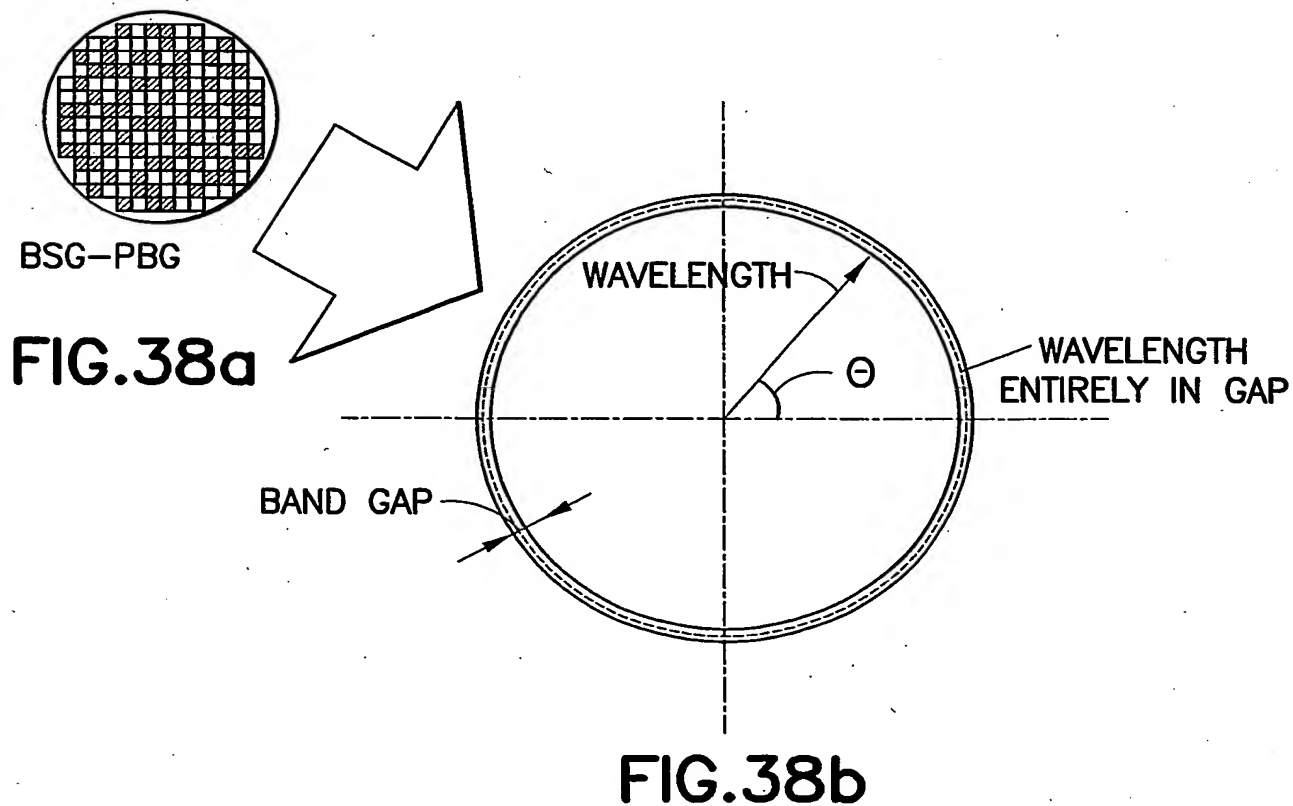
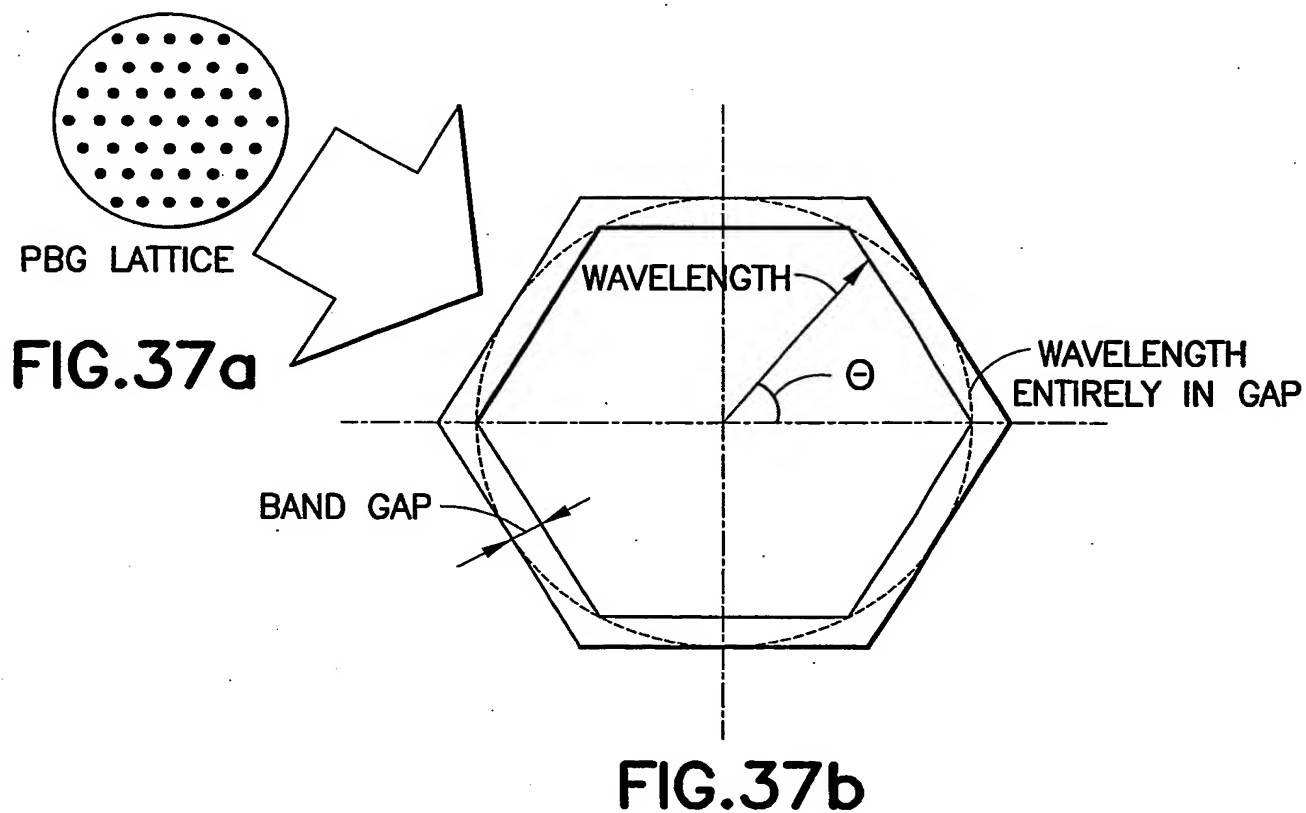


FIG. 36a



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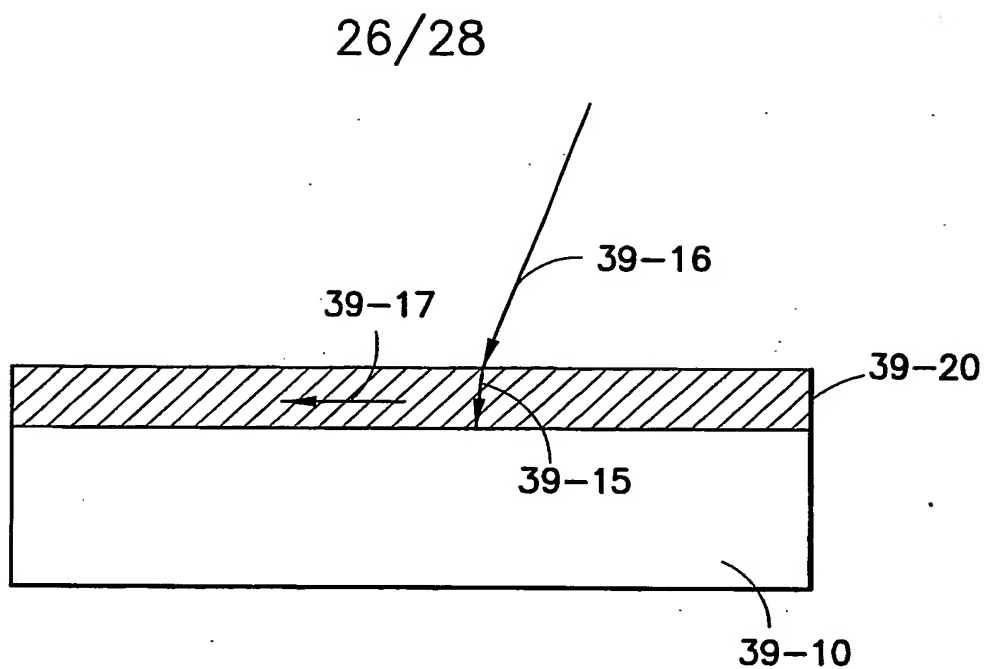


FIG.39

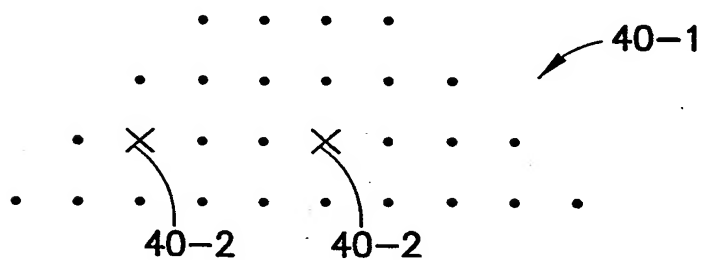


FIG.40

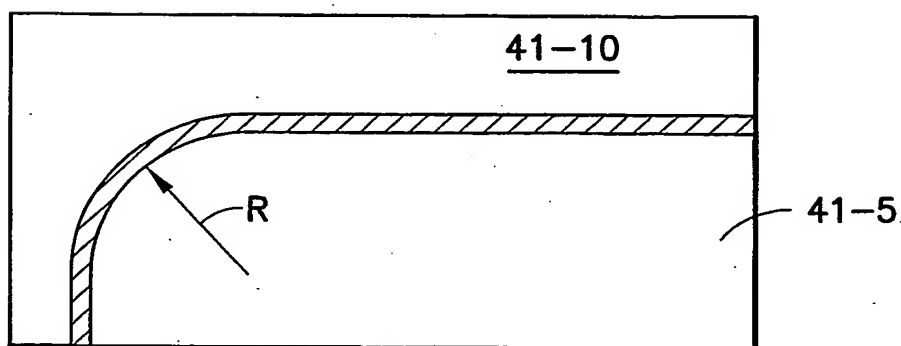


FIG.41

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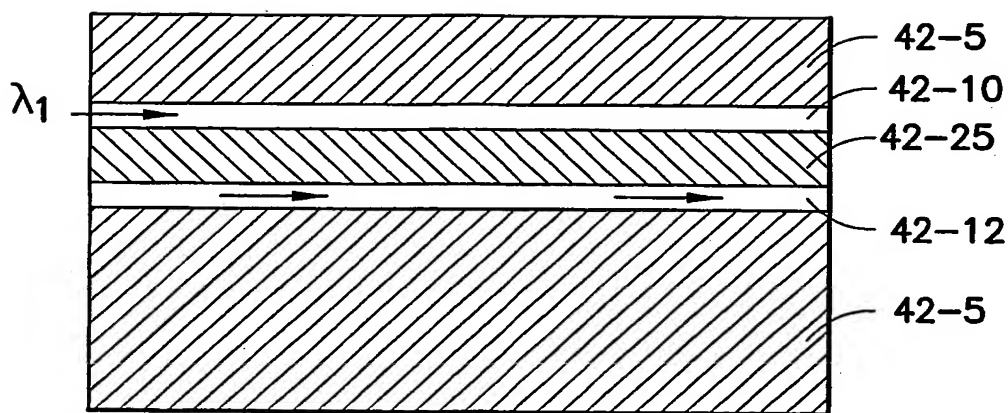


FIG.42

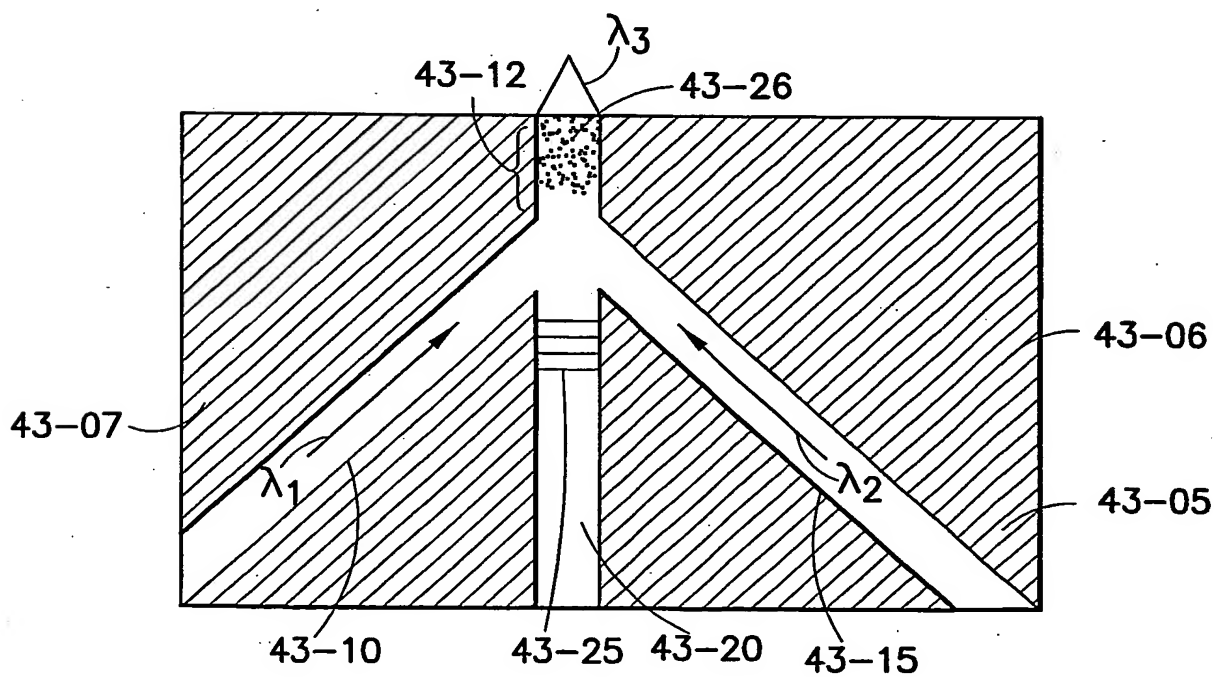


FIG.43

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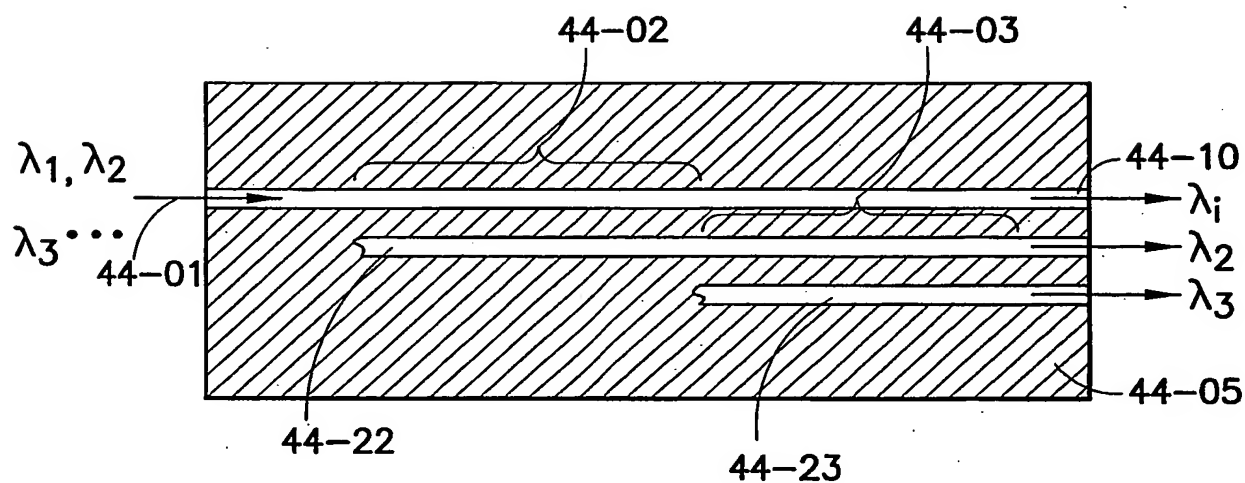


FIG. 44

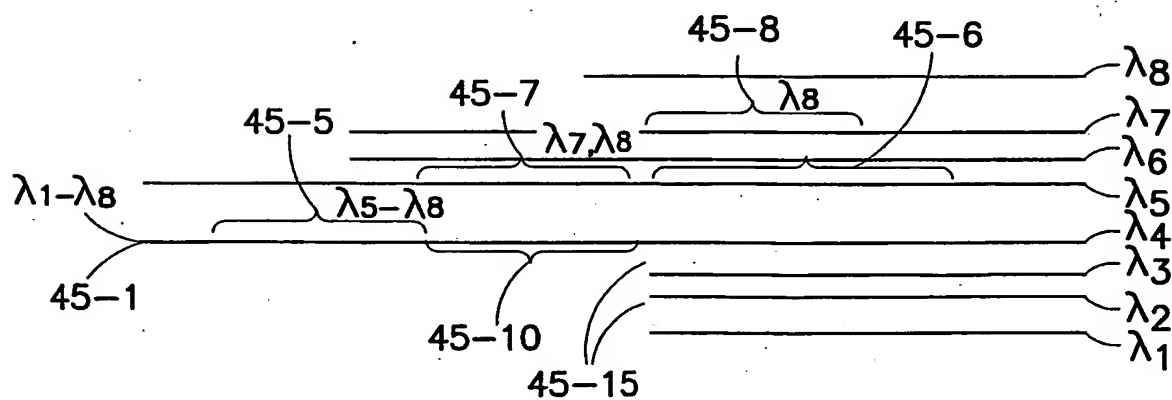


FIG. 45